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(71)Applicant : TAIHEIYO CEMENT CORP

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(54) CEMENT CLINKER AND CEMENT COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a cement clinker having stable quality even using a large amount of an industrial waste consisting essentially of SiO₂ and Al₂O₃ as raw materials, and to provide a cement composition using the cement clinker.

SOLUTION: The cement clinker uses the industrial waste consisting essentially of SiO₂ and Al₂O₃ as raw materials and has a hydraulic modulus(H.M.) of 1.8-2.3, a silica modulus(S.M.) of 1.3-2.3 and an iron modulus(I.M.) of 1.3-1.8. In the cement composition, gypsum is mixed to the cement clinker so that a total amount of SO₃ is 2.0-5.0 wt.% and the resultant mixture is pulverized or they are separately pulverized and then mixed.

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